RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/501,666_

Source: _PCT/o_

Date Processed by STIC: _7/23/04_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , EFS Submission User Manual - ePAVE)
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Revised 05/17/04

PCT

RAW SEQUENCE LISTING   DATE: 07/23/2004
PATENT APPLICATION: US/10/501,666   TIME: 15:25:18

Input Set : **A:\seq_lst_US.txt**
Output Set: **N:\CRF4\07232004\J501666.raw**

```
    5 <110> APPLICANT: Stordeur, Patrick
    6        Goldman, Michel
   10 <120> TITLE OF INVENTION: Method to determine in vivo nucleic acid levels
   14 <130> FILE REFERENCE: DECLE35.002APC
C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/501,666
C--> 18 <141> CURRENT FILING DATE: 2004-07-16
   21 <150> PRIOR APPLICATION NUMBER: PCT/EP03/00493
   22 <151> PRIOR FILING DATE: 2003-01-20
   24 <150> PRIOR APPLICATION NUMBER: EP 02447009.8
   26 <151> PRIOR FILING DATE: 2002-01-18
   30 <160> NUMBER OF SEQ ID NOS: 55
   34 <170> SOFTWARE: PatentIn version 3.1
   38 <210> SEQ ID NO: 1
   40 <211> LENGTH: 21
   42 <212> TYPE: DNA
   44 <213> ORGANISM: Artificial Sequence
   48 <220> FEATURE:
   50 <223> OTHER INFORMATION: Oligonucleotide
   52 <400> SEQUENCE: 1
   53 gaagatgtgc ctgtcctgtg t                                    21
   56 <210> SEQ ID NO: 2
   58 <211> LENGTH: 21
   60 <212> TYPE: DNA
   62 <213> ORGANISM: Artificial Sequence
   66 <220> FEATURE:
   68 <223> OTHER INFORMATION: Oligonucleotide
   70 <400> SEQUENCE: 2
   71 cgctcaggtc agtgatgtta a                                    21
   74 <210> SEQ ID NO: 3
   76 <211> LENGTH: 27
   78 <212> TYPE: DNA
   80 <213> ORGANISM: Artificial Sequence
   84 <220> FEATURE:
   86 <223> OTHER INFORMATION: Oligonucleotide
   88 <220> FEATURE:
   90 <221> NAME/KEY: misc_feature
   92 <222> LOCATION: (1)..(1)
   94 <223> OTHER INFORMATION: N = 6Fam
   98 <220> FEATURE:
  100 <221> NAME/KEY: misc_feature
  102 <222> LOCATION: (27)..(27)
  104 <223> OTHER INFORMATION: N = Tamra-p
  108 <400> SEQUENCE: 3
```

(handwritten annotations) Does Not Comply Corrected Diskette Needed

(handwritten) 'n' can only represent a single nucleotide, nothing else. Suggestion: in the <220>-<223> sections, indicate that the first and last nucleotides are labelled with these dyes.

```
W--> 109 ntggtgatga gaccagactc cagctgn                           27
     112 <210> SEQ ID NO: 4
     114 <211> LENGTH: 21
     116 <212> TYPE: DNA
     118 <213> ORGANISM: Artificial Sequence
     122 <220> FEATURE:
     124 <223> OTHER INFORMATION: Oligonucleotide
     126 <400> SEQUENCE: 4
     127 acagatgaag tgctccttcc a                                  21
     130 <210> SEQ ID NO: 5
     132 <211> LENGTH: 21
     134 <212> TYPE: DNA
     136 <213> ORGANISM: Artificial Sequence
     140 <220> FEATURE:
     142 <223> OTHER INFORMATION: Oligonucleotide
     144 <400> SEQUENCE: 5
     145 gtcggagatt cgtagctgga t                                  21
     148 <210> SEQ ID NO: 6
     150 <211> LENGTH: 22
     152 <212> TYPE: DNA
     154 <213> ORGANISM: Artificial Sequence
     158 <220> FEATURE:
     160 <223> OTHER INFORMATION: Oligonucleotide
     162 <220> FEATURE:
     164 <221> NAME/KEY: misc_feature
     166 <222> LOCATION: (1)..(1)
     168 <223> OTHER INFORMATION: N = 6Fam
     172 <220> FEATURE:
     174 <221> NAME/KEY: misc_feature
     176 <222> LOCATION: (22)..(22)
     178 <223> OTHER INFORMATION: N = Tamra-p
     182 <400> SEQUENCE: 6
W--> 183 nctctgccct ctggatggcg gn                                 22
     186 <210> SEQ ID NO: 7
     188 <211> LENGTH: 20
     190 <212> TYPE: DNA
     192 <213> ORGANISM: Artificial Sequence
     196 <220> FEATURE:
     198 <223> OTHER INFORMATION: Oligonucleotide
     200 <400> SEQUENCE: 7
     201 agctgcctac gtgtatgcca                                    20
     204 <210> SEQ ID NO: 8
     206 <211> LENGTH: 21
     208 <212> TYPE: DNA
     210 <213> ORGANISM: Artificial Sequence
     214 <220> FEATURE:
     216 <223> OTHER INFORMATION: Oligonucleotide
     218 <400> SEQUENCE: 8
     219 gcagtgccaa ggtctctttc a                                  21
```

same error as page 1

```
     222 <210> SEQ ID NO: 9
     224 <211> LENGTH: 29
     226 <212> TYPE: DNA
     228 <213> ORGANISM: Artificial Sequence
     232 <220> FEATURE:
     234 <223> OTHER INFORMATION: Oligonucleotide
     236 <220> FEATURE:
     238 <221> NAME/KEY: misc_feature
     240 <222> LOCATION: (1)..(1)
     242 <223> OTHER INFORMATION: N = 6Fam
     246 <220> FEATURE:
     248 <221> NAME/KEY: misc_feature
     250 <222> LOCATION: (29)..(29)
     252 <223> OTHER INFORMATION: N = Tamra-p
     256 <400> SEQUENCE: 9
W--> 257 ncccacaga aattcccaca agtgcattn                           29
     260 <210> SEQ ID NO: 10
     262 <211> LENGTH: 21
     264 <212> TYPE: DNA
     266 <213> ORGANISM: Artificial Sequence
     270 <220> FEATURE:
     272 <223> OTHER INFORMATION: Oligonucleotide
     274 <400> SEQUENCE: 10
     275 catcgatttc ttccctgtga a                                  21
     278 <210> SEQ ID NO: 11
     280 <211> LENGTH: 24
     282 <212> TYPE: DNA
     284 <213> ORGANISM: Artificial Sequence
     288 <220> FEATURE:
     290 <223> OTHER INFORMATION: Oligonucleotide
     292 <400> SEQUENCE: 11
     293 tcttggagct tattaaaggc attc                               24
     296 <210> SEQ ID NO: 12
     298 <211> LENGTH: 24
     300 <212> TYPE: DNA
     302 <213> ORGANISM: Artificial Sequence
     306 <220> FEATURE:
     308 <223> OTHER INFORMATION: Oligonucleotide
     310 <220> FEATURE:
     312 <221> NAME/KEY: misc_feature
     314 <222> LOCATION: (1)..(1)
     316 <223> OTHER INFORMATION: N = 6Fam
     320 <220> FEATURE:
     322 <221> NAME/KEY: misc_feature
     324 <222> LOCATION: (24)..(24)
     326 <223> OTHER INFORMATION: N = Tamra-p
     330 <400> SEQUENCE: 12
W--> 331 nacaagagca aggccgtgga gcan                               24
     334 <210> SEQ ID NO: 13
```

same (handwritten annotation)

same (handwritten annotation)

```
336 <211> LENGTH: 20
338 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence
344 <220> FEATURE:
346 <223> OTHER INFORMATION: Oligonucleotide
348 <400> SEQUENCE: 13
349 tgaggagctg gtcaacatca                                              20
352 <210> SEQ ID NO: 14
354 <211> LENGTH: 21
356 <212> TYPE: DNA
358 <213> ORGANISM: Artificial Sequence
362 <220> FEATURE:
364 <223> OTHER INFORMATION: Oligonucleotide
366 <400> SEQUENCE: 14
367 caggttgatg ctccatacca t                                           21
370 <210> SEQ ID NO: 15
372 <211> LENGTH: 22
374 <212> TYPE: DNA
376 <213> ORGANISM: Artificial Sequence
380 <220> FEATURE:
382 <223> OTHER INFORMATION: Oligonucleotide
384 <220> FEATURE:
386 <221> NAME/KEY: misc_feature
388 <222> LOCATION: (1)..(1)
390 <223> OTHER INFORMATION: N = 6FAM                                  same
394 <220> FEATURE:
396 <221> NAME/KEY: misc_feature
398 <222> LOCATION: (22)..(22)
400 <223> OTHER INFORMATION: N = Tamra-p
404 <400> SEQUENCE: 15
W--> 405 naggctccgc tctgcaatgg cn                                      22
408 <210> SEQ ID NO: 16
410 <211> LENGTH: 21
412 <212> TYPE: DNA
414 <213> ORGANISM: Artificial Sequence
418 <220> FEATURE:
420 <223> OTHER INFORMATION: Oligonucleotide
422 <400> SEQUENCE: 16
423 cccagggacc tctctctaat c                                          .21
426 <210> SEQ ID NO: 17
428 <211> LENGTH: 21
430 <212> TYPE: DNA
432 <213> ORGANISM: Artificial Sequence
436 <220> FEATURE:
438 <223> OTHER INFORMATION: Oligonucleotide
440 <400> SEQUENCE: 17
441 atgggctaca ggcttgtcac t                                           21
444 <210> SEQ ID NO: 18
446 <211> LENGTH: 24
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/501,666

DATE: 07/23/2004
TIME: 15:25:18

Input Set : A:\seq_lst_US.txt
Output Set: N:\CRF4\07232004\J501666.raw

```
     448 <212> TYPE: DNA
     450 <213> ORGANISM: Artificial Sequence
     454 <220> FEATURE:
     456 <223> OTHER INFORMATION: Oligonucleotide
     458 <220> FEATURE:
     460 <221> NAME/KEY: misc_feature
     462 <222> LOCATION: (1)..(1)
     464 <223> OTHER INFORMATION: N = 6Fam                           same
     468 <220> FEATURE:
     470 <221> NAME/KEY: misc_feature
     472 <222> LOCATION: (24)..(24)
     474 <223> OTHER INFORMATION: N = Tamra-p
     478 <400> SEQUENCE: 18
W--> 479 ntggcccagg cagtcagatc atcn                                          24
     482 <210> SEQ ID NO: 19
     484 <211> LENGTH: 24
     486 <212> TYPE: DNA
     488 <213> ORGANISM: Artificial Sequence
     492 <220> FEATURE:
     494 <223> OTHER INFORMATION: Oligonucleotide
     496 <400> SEQUENCE: 19
     497 ctaattattc ggtaactgac ttga                                          24
     500 <210> SEQ ID NO: 20
     502 <211> LENGTH: 21
     504 <212> TYPE: DNA
     506 <213> ORGANISM: Artificial Sequence
     510 <220> FEATURE:
     512 <223> OTHER INFORMATION: Oligonucleotide
     514 <400> SEQUENCE: 20
     515 acagttcagc catcacttgg a                                             21
     518 <210> SEQ ID NO: 21
     520 <211> LENGTH: 26
     522 <212> TYPE: DNA
     524 <213> ORGANISM: Artificial Sequence
     528 <220> FEATURE:
     530 <223> OTHER INFORMATION: Oligonucleotide
     532 <220> FEATURE:
     534 <221> NAME/KEY: misc_feature
     536 <222> LOCATION: (1)..(1)
     538 <223> OTHER INFORMATION: N = 6Fam
     542 <220> FEATURE:
     544 <221> NAME/KEY: misc_feature                     same
     546 <222> LOCATION: (26)..(26)
     548 <223> OTHER INFORMATION: N = Tamra-p
     552 <400> SEQUENCE: 21
W--> 553 ntccaacgca aagcaataca tgaacn                                        26
     556 <210> SEQ ID NO: 22
     558 <211> LENGTH: 21
     560 <212> TYPE: DNA
```

Please correct subsequent sequences containing this error.

see p. 6 for more error

<400> 55
attcagctcg aacactttga a

??) delete at end of file

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/23/2004
PATENT APPLICATION: **US/10/501,666**   TIME: 15:25:19

FYI

Input Set : **A:\seq_lst_US.txt**
Output Set: **N:\CRF4\07232004\J501666.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:3;  N Pos. 1,27
Seq#:6;  N Pos. 1,22
Seq#:9;  N Pos. 1,29
Seq#:12; N Pos. 1,24
Seq#:15; N Pos. 1,22
Seq#:18; N Pos. 1,24
Seq#:21; N Pos. 1,26
Seq#:24; N Pos. 1,22
Seq#:27; N Pos. 1,31
Seq#:30; N Pos. 22
Seq#:31; N Pos. 1,23
Seq#:48; N Pos. 1,25
Seq#:51; N Pos. 1,23
```

Input Set : **A:\seq_1st_US.txt**
Output Set: **N:\CRF4\07232004\J501666.raw**

L:17 M:270 C: Current Application Number differs, Replaced Application Number.
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:1203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
L:1278 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1280 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55
L:1280 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1282 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55
L:1282 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1284 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55
L:1284 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:1
L:1289 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:55